

**intrinsic viscosity (of a polymer)**

The limiting value of the *reduced viscosity*,  $\eta_r/c$ , or the *inherent viscosity*,  $\eta_{inh}$ , at infinite dilution of the polymer, i.e.

$$[\eta] = \lim_{c \rightarrow 0} (\eta_r/c) = \lim_{c \rightarrow 0} \eta_{inh}$$

Notes:

1. This term is also known in the literature as the Staudinger index.
  2. The unit must be specified;  $\text{cm}^3 \text{g}^{-1}$  is recommended.
  3. This quantity is neither a viscosity nor a pure number. The term is to be looked on as a traditional name. Any replacement by consistent terminology would produce unnecessary confusion in the polymer literature.
- Synonymous with limiting viscosity number.

P.B. 63

EXHIBIT

B